IN THE SPECIFICATION

Please insert the following heading at page 1, before the title of the invention:

<u>TITLE OF THE INVENTION</u>

Please insert the following headings at page 1, between the title of the invention and the first paragraph at line 1, as follows:

<u>BACKGROUND OF THE INVENTION</u>

<u>FIELD OF THE INVENTION</u>

Please insert the following heading at page 1, between lines 3 and 4, as follows:

<u>DISCUSSION OF THE BACKGROUND</u>

Please insert the following heading at page 8, between lines 8 and 9, as follows:

<u>SUMMARY OF THE INVENTION</u>

Please insert the following heading at page 8, between lines 27 and 28, as follows:

<u>BRIEF DESCRIPTION OF THE DRAWINGS</u>

Please amend the paragraph at page 8, lines 28-31, as follows:

~~The characteristics of the invention mentioned above, as well as others, will emerge more clearly from a reading of the following description of example embodiments, the said description being given in relation to the accompanying figures, amongst which~~ <u>A more complete appreciation of the present invention and many of the attendant advantages thereof will be readily obtained as the same becomes better understood by reference to the following</u>

detailed description when considered in conjunction with the accompanying drawings,

wherein:

Please insert the following heading at page 9, between lines 28 and 29, as follows:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please insert the following paragraph at page 9, before the paragraph at line 29, as

follows:

Referring now to the drawings, wherein like reference numerals designate identical or

corresponding parts throughout the several views, preferred embodiments of the present

invention are described.

Please amend the heading at page 19, line 1, as follows:

CLAIMS: ~~CLAIMS~~

Please cancel the Abstract at page 26, in its entirety, and replace as follows:

ABSTRACT OF THE DISCLOSURE

A method of improving turboencoding by re-encoding erroneous information and

subtracting their contribution at the input of the turboencoder. The subtraction of this

contribution remedies the lack of convergence or convergence towards erroneous solutions

observed in certain turbodecoding configurations. The method also applies to parallel

concatenation turbodecoding, to serial concatenation turbodecoding, or to block turbodecoding.

Different operations result according to the type of feedback envisaged.